The ctnbib package

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1 Introduction

This package provides script named ctnbib which can be used for retrieving
of the bibliographic information for packages hosted on CTAN.

2 Usage

It can be used in the following way:
ctanbib [options] ⟨packagename⟩ > filename.bib

3 Available options

-ctan use the @ctan type instead of @manual. The difference between the
two is that the url field contains packages CTAN path, instead of a link
to the package.
-h,--help print the help message.
-v,--version print the version info.

4 Examples

ctanbib latex

This invocation will print data in the BibLaTeX format to the standard output:

@manual{latex,  
  title = {The Latex package},  
  subtitle = {A TeX macro package that defines LaTeX},  
  author = {Lamport, Leslie and The LaTeX Team},  
  url = {http://www.latex-project.org/},  
  urldate = {2018-08-23},  
  date = {2018-04-01},
The --ctan option:

cтанbib -c hyperref

This produces a bib record with the @ctan type:

@ctan{hyperref,
  title = {The Hyperref package},
  subtitle = {Extensive support for hypertext in LaTeX},
  author = {Rahtz, Sebastian and Oberdiek, Heiko},
  url = {/macros/latex/contrib/hyperref},
  urldate = {2018-08-27},
  date = {},
  version = {6.86b}
}

5 License

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6 Acknowledgements

This package was created thanks to TeX.sx user Daniel[1] Lukas C. Bossert had useful comments which led to update of the original script and it's eventual release on CTAN.

[1] https://tex.stackexchange.com/users/3751/daniel
7 Changelog

2019-03-11  Version 0.1b released
2018-09-10  Added support for institutional names
2018-09-10  Escape TeX commands in the title and subtitle
2018-08-29  Added man page
2018-08-27  Added \-ctan option
2018-08-23  Version 0.1 released.
2018-08-23  Created documentation.
2018-08-21  Rewrote the script to use the DOM api provided by LuaXML. This provides greater flexibility in the XML processing.
2018-08-20  Fixed the script for the current XML format provided by CTAN.
2014-09-12  Initial version of the script have been released in answer on TeX.sx\[\text{https://tex.stackexchange.com/a/200856/2891}\]